

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) Bottoming device for cross bottom sacks[[,]] ~~which are built~~ constructed from tube segments (1), comprising ~~whereby the sacks pass through~~ a plurality of different processing stations ~~in the bottoming device~~ through which the sacks pass along ~~the~~ a direction of transport ~~(x) and~~ such that during the transport ~~through the bottoming device, the~~ an axis of the tube segments (1) is oriented essentially horizontally ~~as well as~~ and orthogonal to the direction of conveyance ~~(x)~~ transport of the tube segments, (1) and folded cross bottoms ~~form~~ are formed at both ~~the~~ ends (2) of the tube segments (1), ~~whereby, during their gluing in one of the~~ the processing stations including gluing stations (10) ~~foreseen for~~ that transfer glue to the folded bottoms during which the folded bottoms ~~lie~~ essentially orthogonal to the tube axis, ~~and~~ glue transfer rollers, and counterpressure rollers, with the glue transfer on both of the folded cross bottoms ~~takes~~ taking place[[,]] under contact pressure ~~from~~ provided by one of the glue transfer rollers (6, 6') ~~which is often equipped with a~~ format or a format block roller, whereby this contact pressure is ~~provided by~~ and the counterpressure rollers, (7, 7', 8, 8') which

are provided in the gluing station ~~(10)~~ on ~~the~~ respective sides of the sack bottom lying opposite to the glue transfer rollers ~~(6, 6')~~, so ~~that in each case,~~ the respective glue transfer rollers ~~(6, 6')~~ and the counter pressure rollers ~~(7, 7', 8, 8')~~ ~~form forming~~ a function pair for the gluing of the folded cross bottoms ~~characterized in such~~ that both of the function pairs are mutually offset in the sack transport direction ~~of the transport~~ ~~(x) of the sacks.~~

2. (Currently amended) ~~Bottoming~~ The bottoming device according to claim 1 ~~characterized in that the~~ wherein a diameter ~~(B, B')~~ of at least one of the two counterpressure rollers ~~(7, 7', 8, 8')~~ is greater than half of ~~the~~ a mean bottom size of the sacks.

3. (Currently amended) ~~Bottoming~~ The bottoming device according to claim 2 ~~characterized in that the~~ wherein a distance between ~~the axes~~ an axis of the two function pairs in the sack transport direction ~~of transport (x) of the sacks~~ is ~~smaller~~ less than 50 cm.

4. (New) A bottoming device for a cross bottom sack formed from a tube segment, the device comprising a gluing station having a first and a second functional unit that each include a glue transfer roller and a corresponding pair of counterpressure rollers located opposite the glue transfer roller, the tube

segment having a folded cross bottom formed at each end thereof and passing through the device in a transport direction in which an axis of the tube segment is oriented essentially horizontally and orthogonal to the transport direction, the gluing station transferring glue to the folded bottoms with the folded bottoms lying essentially orthogonal to the tube axis and under a contact pressure between the glue transfer rollers and the counterpressure rollers, a diameter of at least one of the two counterpressure rollers being larger than half of a mean bottom size of the tube segment and the first functional unit being laterally offset from the second functional unit relative to the transport direction so as to provide the contact pressure during the glue transfer.

5. (New) The bottoming device according to claim 4, wherein each of the pairs of counterpressure rollers includes a first roller above a plane of the tube segment and a second roller below the plane of the tube segment.

6. (New) The bottoming device according to claim 4, wherein a separation distance as measured in the transport direction between an axis of the first functional unit and an axis of the second functional unit is less than 50 cm.

7. (New) The bottoming device according to claim 4, wherein the first and second functional units are positioned relative to the transport direction such that one end of the tube segment is glued before a second end of the tube segment is glued.

8. (New) The bottoming device according to claim 4, wherein the device processes a tube segment having a mean bottom size that is smaller than a sum of a diameter of a first counterpressure roller of the first functional unit and a first counterpressure roller of the second functional unit.